

ABSTRACT

A method for assembling a drum (2) built up of segments and forming part of the axle (1) for a brush roller wherein;

- 5 a) each segment (7.1, ... 7.4) is brought into alignment by the edge portion (42, 43, respectively) of a first shoulder (35) and/or a second shoulder (36) being brought into contact with the second (41) or first (40) contact surface of an adjacent segment (7.1, ... 7.4);
- 10 b) through-holes (45, 46) are drilled in radial direction through a first (35) and a second shoulder (36) in each segment (7.1, ... 7.4), one of said holes also being threaded;
- c) two (45, 46) or more holes (45, 46) are drilled in axial direction in each shoulder at equal or different distances from each other;
- d) an attachment element (47) is arranged at each hole (45, 46).

15 The invention also relates to a drum (2) for a brush roller, said drum (2) being built up of at least two segments (7.1, ... 7.4), each of which is provided at its upper side (8) with two or more, preferably four, protruding beams (9.1, ... 9.4), a U-shaped channel (10.2) being arranged between two adjacent beams (9.1, 9.2), and the drum (2) being arranged to rotate about its axis (12) by means of

20 torque-transmitting means (50) connected to the drum (2), each segment (7.1, ... 7.4) in the drum (2) being constructed with double walls with a rigidity sufficient for the assembled segments (7.1, ... 7.4) to form a fully self-supporting drum (2).

The invention also relates to an axle (1) for a brush roller, the axle (1) consisting of a drum (2) as described above, which is arranged between two shaft ends (3, 4), each shaft end (3, 5) being connected to a torque-transmitting plate (50) arranged concentrically in relation to and connected to the end part (22) of the drum (2).